

Amendments to the Claims

This listing of Claims replaces all prior versions and listings of Claims in the application:

Claims

1. (Currently Amended): A device for executing a hair-transplanting procedure[[,]] of harvesting a hair graft from a ~~bald~~ hairy area ~~[[in]]~~on a scalp and then implanting the hair graft into a bald area, in series, comprising:
- first cutting member affixed to a front part of the ~~present~~ device and having an elongate and hollow shape, wherein the first cutting member has a blade at the front end of which ~~[[the]]~~a surface ("imaginary surface") of the blade inclines toward a side of the ~~present~~ first cutting member, wherein a hair graft is cut by the blade and then is introduced into the present member; device as the front end of the device is pushed into the scalp during a hair graft harvesting operation;
- second cutting member having an elongate and hollow shape, and disposed to move forward/backward forward as well as backward (or revolve) in the, or revolve, with respect to the first cutting member and having an elongate and hollow shape, wherein the second cutting member has a blade at its front end of which the surface ("imaginary surface") of the blade cuts a bottom portion of the hair graft having been introduced into the ~~present~~ device and then meets the blade surface of the first cutting member[[,]] as the second cutting member moves forward[[;]] fully during a hair graft harvesting operation, whereupon the blade faces of the first and second cutting members face each other;
- extrusion member disposed to move ~~forward/backward~~ forward as well as backward in the innermost elongated and hollow space inside of the first and the second cutting member and having an elongate shape, wherein the extrusion member pushes out the hair graft loaded in the ~~present~~ device during a hair graft harvesting operation and pushes the hair graft into a cavity made by the front

end of the device on a scalp through an entrance of the blade surface of the first cutting member, as the extrusion member moves forward during a hair graft implanting operation;

and[[,]]

housing forming an outward shape and providing an induction road for movements of the second cutting member and the extrusion member.

2. (Currently Amended): The device according to claim 1, wherein the first cutting member is made in a cylindrical ~~form, shape~~ and the blade surface ("imaginary surface") which forms the entrance of the ~~present~~ first cutting member inclines toward the side of the ~~cylindrical~~ cylindrically shaped first cutting member, and the ~~opposite side of the cylindrical member~~ front end of the blade is gently bent to be extended toward the above blade surface ("imaginary surface") side (which the blade surface faces) of the cylindrically shaped first cutting member, and a the cross-sectional shape cross-section of the blade surface ~~is ellipse or circle~~ has an approximately elliptical or circular shape;

and

wherein the second cutting member is made in a cylindrical form, and the direction of the face of the blade surface of the cylindrical member second cutting member is approximately opposite to the direction of the face of the blade surface of the first cutting member.

3. (Currently Amended): The device according to claim 1, wherein the axis of the blade surface of the first cutting member inclines a little[[,]] such that ~~this~~ the blade surface is seen a little from the front sight of the ~~present~~ device;

the second cutting member parts from an imaginary extended line of the side of the first cutting member[[,]] to the extent that the end of the first cutting member parts from the imaginary extended line of the side thereof, whereby the end of the first cutting member can ultimately meet the end of the second cutting member when the ~~latter~~ second cutting member moves forward.

4. (Currently Amended): The device according to claim 1, wherein the first cutting member is made in a cylindrical ~~form~~ shape, and the front ~~an~~ end of the first cutting member is bent ~~to~~ towards an central axis thereof; and the second cutting member, disposed in the first cutting member, has the same shape as the first cutting member, whereby ~~an~~ the entrance of the first cutting member becomes opened when each blade surface of both members is in the approximately same position, ~~and whereby~~ the entrance becomes closed as the second cutting member revolves with respect to the first cutting member.

5. (Currently Amended): The device according to claim 1, the extrusion member is made of flexible materials, and ~~an~~ the end thereof protrudes a little from an entrance of the first cutting member when ~~it~~ the extruding member moves forward fully.

6. (Currently Amended): The device according to claim 1, wherein the first cutting member is affixed in the conical front part of the housing;
the second cutting member is supported by a first spring installed in the conical front part, and is connected to a first operating handle disposed at the middle of ~~a~~ the body of the housing; and
the extrusion member is supported by a second spring installed in the body, and is connected to a second operating handle disposed at the rear of the body.

7. (Currently Amended): The device according to claim 1, wherein the first cutting member is affixed in the conical front part of the body of the housing,
the second cutting member is supported by a first spring installed in the conical front part of the body of the housing, and is connected to an operating handle disposed at the middle of ~~a~~ the body of the housing, wherein a rear portion of the operating handle is extended to a power transmitting member including a magnetically operating power transmitting member;

the extrusion member is supported by a second spring installed between a connecting axis to the operating handle and a middle portion of the body, and is extended to the power transmitting member; and

the power transmitting member comprises a gear which revolves with its axis affixed in the body, wherein the gear engages with a thread which is formed ~~on~~ at the bottom of ~~a~~ the rear extension part of the operating handle, and a thread which is formed on a top of ~~a~~ the rear extension part of the extrusion member, respectively.

8. (Currently Amended): The device according to claim 1, wherein the first cutting member is affixed in the conical front part of the body of the housing;

the second cutting member is supported by a first spring installed in the conical front part, wherein triangle members are installed on the second cutting member at the position corresponding to a first operating handle disposed on the middle of a body of the housing, wherein a perpendicular face of the first triangle is arranged forwardly;

the extrusion member is supported by a second spring installed in the middle of the body of the housing, and is connected to a second operating handle disposed at the rear of the body; and

the first operating handle includes second triangle members, wherein a the slope face of the second triangle member is in sliding contact with a slope face of the first triangle member.

9. (Currently Amended): The device according to claim 1, wherein the first cutting member is affixed in the conical front part of the body of the housing;

the second cutting member includes an extension part at the rear thereof, wherein an inner surface of the extension part has a thread engaged with a power-transmitting member linked to an electric motor;

the extrusion member includes a thread engaged with the power-transmitting member on an outer surface thereof; and

the power-transmitting member includes a thread engaged with the thread of the extension part, and a thread engaged with the thread of the extrusion member, wherein the two threads of the power-transmitting member are ~~formed~~ linked at the opposite direction to each other.

10. (Currently Amended): A device, for harvesting tissues from human body for a histo-biopsy, comprising the elements ~~in~~ of claim 1.
11. (New): A method of harvesting tissues from human body for a histo-biopsy operation using the device of claim 10.
12. (New): The device according to claim 1, wherein the first cutting member is disposed inside the second cutting member.
13. (New) The device according to claim 1, wherein the second cutting member is disposed inside the first cutting member.
14. (New): The device according to claim 1, wherein the power transmitting member is a magnetically operated plunger type.
15. (New): The device according to claim 6, wherein the first operating handle is linked to the second cutting member in such a way that the movements of the second cutting member and the first operating handle is in the same direction or in the opposite direction to each other when the first operating handle is moved in a direction, either forward or backward, during a hair-transplanting operation.
16. (New): The device according to claim 7, wherein the first operating handle is linked to the second cutting member in such a way that the movements of the second cutting member and the first operating handle is in the same direction or in the opposite direction to each other when the first operating

handle is moved in a direction, either forward or backward, during a hair-transplanting operation.

17. (New): The device according to claim 8, wherein the first operating handle is linked to the second cutting member in such a way that the movements of the second cutting member and the first operating handle is in the same direction or in the opposite direction to each other when the first operating handle is moved in a direction, either forward or backward, during a hair-transplanting operation.

18. (New): The device according to claim 2, wherein the second cutting member is made in a cylindrical form, and the direction of the face of the blade surface of the second cutting member is approximately opposite to the direction of the face of the blade surface of the first cutting member by approximately 180 degrees.

19. (New): The device according to claim 4, wherein the entrance becomes closed as the second cutting member revolves by about 180 degrees with respect to the first cutting member.

20. (New): The device according to claim 1, further comprising:
wherein the first cutting member is cylindrical;
wherein the second cutting member is cylindrical;
a first operating handle controlling movement of the second cutting member;
a second operating handle controlling movement of the extrusion member;
and
a housing comprising a conical front part and a cylindrical body;
the cylindrical first cutting member is affixed in the conical front part;
the first operating handle is connected to the cylindrical second cutting member;

a first spring is installed in the conical front part;
an induction member inducing forward as well as backward movement of
the extrusion member is disposed in the cylindrical body; and
a second spring is installed between induction member and a bottom part
of the cylindrical body.

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